# THE TECH

DAILY

VOL. XXIX. NO. 83. BOSTON, MASS., THURSDAY, JANUARY 13, 1910 PRICE ONE CENT

## "FIN. COM." FOR TECH STUDENT ACTIVITIES

### To Improve Financial Conditions The Object Of Institute Committee

Closer supervision of Institute activities is to be the rule hereafter, according to the new rulings passed last night by the Institute Committee. Among the rules that were made and will go into effect, are the following:

(1) Any person in the Institute who takes part in any organization will be considered a member of that organization and be so rated in the point-system.

(2) The Dean is to be given a list of all men in all activities.

(3) The President's Assistant, Mr. Scharff, is to be permitted to attend meetings of the Institute Committee as a listener, and to address the body.

(4) Activities represented on the Institute Committee are to pay an assessment of $2 per member on the Committee.

The following plan has been devised by the Committee appointed at the last meeting of the Institute Committee to draw up the plan for the betterment of student activities:

A Committee on Activity Finances of three non-student members shall be appointed by the Institute Committee at the first of each year.

This committee will be concerned with the following Institute activities: the classes, professional societies, Tech Show, Technique, The Tech, Musical Clubs, Tech Christian Association, Athletic Association, The Union, The Wireless and Aero Clubs Institute Committee, Class Day Committee, Prom Committee, Portfolio Committee, and Co-op. Society.

Each activity may send in three nominations to the Institute Committee for the appointment of this Committee.

The President of the Institute Committee shall be a member ex-officio.

The Committee shall hold monthly meetings during the college year.

Special meetings may be called by the Chairman.

Every activity named above, shall draw up and mail to the Secretary of the Executive Committee of the Institute Committee, in the first seven days of each month, a report of the finances to the close of the month preceding.

The Committee shall make such suggestions on the drawing up of these reports as will lead to unification and simplification.

The Committee shall consider these reports, and shall decide on such provisions as it may deem advisable.

Auditing of the books of the activities may be directed by the Committee at any time it may deem necessary on account of a bad state of affairs, and it shall be at the expense of the activity concerned.

The Secretary shall notify the activities of these provisions and shall send to the Secretary of the Executive Committee a full report of the meetings together with the activity financial reports.

These provisions shall be binding on the activities.

Measures shall be subject to reconsideration if the casual explanations are presented in writing to the Chairman of the Finance Committee within one week.

These articles shall be submitted to each activity for acceptance, and shall go into effect with the appointment of a committee for the remainder of the year, upon acceptance o

(Contined on page 2.)

## 1911 TAKES FIRST PLACE IN RECORD BREAKING MEET

### Senior Come Second---Many Records Lowered---Salisbury Does Best Work

To the Class of 1911 go the honors of victory. In the annual indoor meet held last night in the gymnasium, the Junior Class proved themselves superior to all the other classes now in the Institute, and ran up a score in points that was a surprise to all present. The other classes did their part, but were unable to hold their own with the winners, who scored five of the possible eight first places. The standing of the classes in points was: 1911—37; 1910—22; 1912—16; and 1913—13.

The meet was not a very popular one. As is the custom tiers of seats were arranged along the sides, and the crowd did not fill one whole side, although there were quite a number out on the floor. The events were run off rather slowly, and the last event did not close until after half past ten.

The meet was a remarkable one in many ways, for there were many records broken, and some very close races fought out. The mile run was an unusually exciting one, as was also the 40-yard dash. The high jump was interesting for a new record of 5 ft. 8 in. was established. Other records for Indoor Track records held at the Gym which were broken, were the 440-yard dash, the 880-yard run, and the mile. The best work done by any single man was that of W. C. Salisbury, who captured first place in the 35-yard dash against the largest field that entered any single event. He also carried off first in the quarter mile and took second in the pole vault.

The class of 1913 that had been picked by some few as a probable winner, was sadly left. They succeeded in getting two second places, but were unable to get a first all the evening. Milliken ran a very good race for the Freshmen in the mile, although he only finished third.

The first event of the evening was the 35-yard dash. There were nearly two dozen entries, and the race was run off in six separate heats. Some of these were very exciting, the one between Salisbury and Lockett being particularly close. In this race Lockett was rather badly hurt when he ran into the wall at the end of the track. He was unable to run again all evening. Those who qualified for the semi-finals were: Freeman, McEwen, Eichorn, Salisbury, Trull, Cairns, and Reed. The semi-finals were run off next with the result that Salisbury, Trull, McEwen and Reed qualified for the finals. These four then ran and finished in the order just named. The time was 4 3-5 secs.

The next event, the mile run, had eight entries. Mills sprang into the lead and easily held it for the rest of the time. He finished over a lap ahead of his nearest follower. His time was four minutes and fifty seconds, the first record made.

Following the mile came the high hurdles. There were very few entries, but for the convenience of the runners the event was run off in two heats. The first was won by Read, with Gott second, C. A. Read, and R. B. McEwen finished first, and second in the last heat. The finals were run in 5.4-5 seconds, and Pead finished first with McEwen and Gott in the order named.

There were eight entries in the shot put and five in the high jump. The shot put was nothing to boast of, for the best distance was rather short. The men finished in the following order. Gott, McCloud, Ruckman, and Freeman. The distance made by Gott was 34 ft. 1 in. The jumping, however, was a great deal better. The chief fight lay between Stuart and Dalrymple. These two men fought it out for some little time, but finally Stuart was able to clear the bar a little better than his opponent, and was given first. The height was 5 ft. 8 in.

While these two field events were being held, the 440-yard dash was run off. This was short but very close, the chief fight being between Reed and Oettinger for second place. Salisbury won this event, and established another record for indoor meets held at the Gym, by making the very fast time of 57 flat. Burnham also did very well, and finished close behind Reed, whom Oettinger had succeeded in passing.

The last race of the evening was the half mile. This was by far the most exciting as well as the most astonishing event held. Mills, who had run the mile race and had established a record, succeeded in beating the half-mile champion, P. D. White. Not only did he win this event, but he even made a new record. His time was 2:9 3 -5. The other men who finished second, third and fourth were White, Benson and Eldred. Benson ran a good steady race and passed Eldred the last time around.

The pole vault was the last event of the evening and as every one expected, it went to Allen. Th other men, Salisbury, Mangan and Gott were forced to drop out. Allen cleared the bar at ten feet, six inches.

## DINNER FOR BIOLOGISTS

The Biological Society will hold its next dinner at the Hotel Plaza on Friday, Jan. 14, at 6.30 P. M., Dr. M. J. Rosenau, Director of the Harvard School of Preventive Medicine, will speak on "Typhoid Fever in the District of Columbia" Dr. Rosenau, previously to this year, has been Director of the Hygienic Laboratory of the U. S. Public Health and Marine Hospital Service, and is one of the leading sanitarians and bacteriologists of the country. The prevalence and causes of typhoid fever in the District of Columbia have constituted one of the most vexing and widely known of American sanitary problems, and one about which Dr. Rosenau is uniquely qualified to speak.

Between courses and early in the dinner before the tobacco smoke shall have thickened so as to interfere with the operation of his stereopticon, Mr. W. L. Underwood, the quality of whose lectures and colored views needs no emphasis, will give a short talk on the subject, "Some Amusing Incidents among Wild Animals."

An important business meeting will be held before the dinner, from 6 to 6.25 Election of officers and other important matters must be disposed of. A full and prompt attendance at this meeting is urged.

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The city of Pittsburg, Pa., is seriously menaced by a threatening thaw of the ice gorged in the Monangahela, Alleghany, and Ohio rivers. The United States Government is investigating with a view to blasting the ice dam.

## COMPETITION FOR SHOW POSTERS IS POPULAR

### Many Men Working On Designs --- Lyric Competition Closes Soon

Never before have so many men come out for the Tech Show poster competition as reported at the call for entries several weeks ago. In all there are 15 men who are trying for the distinction of having their design accepted. The competition closes on Saturday, January 15, and the posters will be picked during the mid-year recess. The management is endeavoring to procure a member of the Architectural Course to act as one of the judges, in order to make the choice a purely unbiased and fair one to everybody.

Last year was the first time that the poster sales were pushed to any extent, and the results were decidedly gratifying. The number sold greatly exceeded that of former years, so that the poster more than paid for itself. The design is used for the full-sized poster, and is also reduced and put on postals and on the score.

The lyric competition also closes on Saturday, and as a good many pieces have already been submitted, the outlook for a large number is good. Owing to the close of this competition being placed so late, the stage manager urges all men to get their lyrics in on time, as none will be accepted after January 15. As fast as the lyrics are accepted, they are being printed and sent out to the music writers, in order that they may work on them during the holidays. They will be called in shortly after the second term begins.

## VOLCANIC JAPAN

### Types Of Volcanoes Described Experiences Of Prof. Jaggar

Prof. Thomas A. Jaggar treated the subject of volcanoes in a highly interesting manner and presented rare and wonderful pictures on the screen in connection with his talk.

He stated that volcanoes in general are processes made in organic structures showing successive stages of development. There are several types of volcanoes, those whose lava is liquid and boils forth from time to time from the seething caldron within; craters giving out viscous flows; and those forcing upwards spires and domes of solid rock.

Passing to Japan, he told of the topography of that country in general, showing how it is honeycombed with fire or is the relic of past convulsions. Until 1894, nothing was done by the Japanese in the way of studying the eruptions and quakes with a view to prevent the enormous loss of life caused by them because of the congested condition of population. How-

(Continued on page 3.)

### CALENDAR.

Thursday, January 13.

7.30—Bro. St. Andrew Meeting—92 Marlborough St.

Friday, January 14.

1.00—Course IV Picture—Rogers Steps.
4.00—Basket-ball Practice—Gym.
4.00—Gym Team Practice—Gym.
7.30—Biological Society Dinner—Hotel Plaza.

# THE TECH.

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BOSTON, MASS., JANUARY 13, 1910.


By adopting the plan providing for a "Committee on Activity Finances," the Institute Committee has materially added to the welfare of the various student activities here at Tech. It now remains for the activities to give it their support. The need for such a committee is obvious, not that there has ever been the slightest question of the righteous expenditure of money, but that the experience and ability of competent, successful business men would often have prevented financial losses.

More efficient business methods and more efficient and unified methods of keeping accounts will certainly follow the formation of such a commission.

In a short time you will be on a week's vacation. During that time you may want to know where some of the interesting places around Boston are. Points of interest as described in the issue of the Tech, just prior to Christmas vacation are well worth going to. If you haven't a copy of that issue, call at the Tech office and get one. A few left.

Don't forget to plan to patronize the Union Dining Room next term. The improvement in attendance must be kept up to make the Union clear expenses.

Have you paid up your bets on the mayoralty election?

Yale University has recently received the mummy of one Rha, said Rha being supposed to have lived and flourished in Egypt some little time ago. Let us hope that the sudden change of climate agrees with the gentleman.

## ENGINEERING SOCIETIES

Three of the leading engineering societies of America—the American Society of Mechanical Engineers, Boston Society of Civil Engineers, and American Institute of Electrical Engineers have arranged for a reception and dinner on Friday, January 21st, at the Hotel Somerset, Boston. The dinner is to be held on the occasion of the visit of Mr. George Westinghouse, President of the American Society of Mechanical Engineers, to Boston. A number of distinguished guests are expected to be present, among whom are the incoming president of the American Society of Civil Engineers, the president of the American Institute of Electrical Engineers, Mr. L. B. Stillwell, and the president of the Boston Society of Civil Engineers, Mr. George B. Francis.

After the dinner Mr. Charles B. Edwards, of the Fore River Ship Building Company, will read a paper on the "Main and Auxiliary Machinery of the Battleship 'North Dakota.'" Addresses will also be made by some of the invited guests.

## "FIN COM." FOR TECH

(Continued from page 1.)

three-fourths of the activities concerned.

By a mistake of the stenographer the following provison was omitted. It will be passed on later.

These accounts may be published if with the consent of the activity concerned, or at the request of the Finance Committee.

The above plan will give the activities the advice of competent business men, who take an active interest in undergraduate affairs. This will result in more efficient business methods and more efficient and unified methods of keeping accounts.

It is suggested that the report to be made to the above commission, be as simple as possible; that is, consisting of cash on hand, receipts availible, and outstanding bills. For activities making contracts, contracts to date should be put in as a separate item; for course societies and classes, number of men from whom dues have been collected and number of men who still owe dues should be reported. The object in making these reports simple is to relieve the Finance Committee of a large amount of detail work.

By bringing accounts to a head once each month, activities will be prevented from running up large bills where there is little prospect of anything with which to meet them. This would prevent loss of credit with business firms and discredit cast on student activities as a whole. In the case of these activities like the Tech Show and Technique, which have to run heavily in debt before receipts begin to come in, the fact that explanations are made to men who are familiar with the way these activities have to be run would prevent undue criticism.

The provision of filing the reports is a means of developing continuity in activities with less lost motion. Future managers will find these records a ready source of information on how to conduct their work and how to judge their condition.

## DOPESTER'S LAST SPASM

Records broken, but we got some new ones.

That thirty-five yards dash, ending at the stone wall of the Gym., is about as hard a race and about as dangerous as any fellow wants to run.

Pead was the only one in sight in the hurdles and Allen the same in the pole vault.

The running of Mills last night was certainly a revelation; just think of running the mile in record-breaking time and then defeating the half-mile champion of the Institute in another record-breaking race.

The attendance at the Indoor Meet was a disgrace to the sporting men of the Institute, and shows to what a low place the spirit of the Institute has descended in regard to athletics. What is the matter, fellows?

Important Notice—The "Dopester" hereby announces that after today he is officially DEAD.

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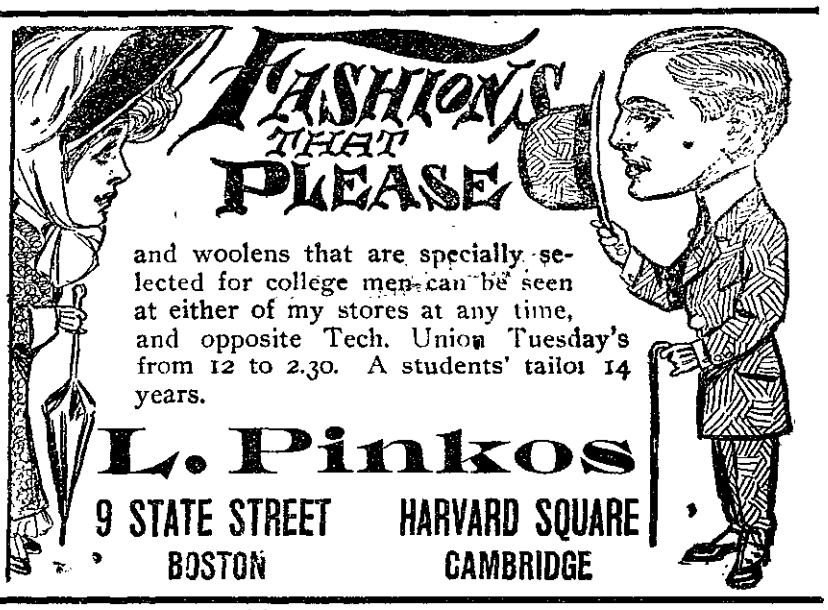


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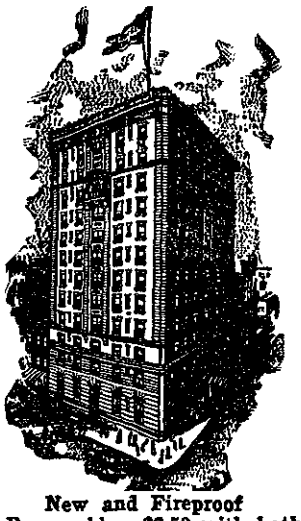

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# TREAT SAILORS AS MEN

## Mr. King Tells T. C. A. Of Work Of The Sailors' Navy

The small number of men who attended the Tech Christian Association Dinner last night heard one of the best and most interesting talks that have been given this season. For nearly an hour Mr. Stanton H. King held his audience with his powerful description of the conditions among the sailors and the work of the Sailors' Haven, of which he is superintendent. Mr. King drew forth many bursts of applause, both for the interesting and often amusing stories he told of his work and for his deep regard for the welfare of the men who sail the deep.

"Treat the sailor as a fellow-man. Do not put on a condescending air toward him, or regard him as a depraved creature who need salvation," said Mr. King, who believes very strongly that most of the mission and rescue work done for sailors is carried out along wrong lines. "The sailor is a man, a hero, one who helps to make the world move," he said, " and the hard, confining conditions under which the sailor lives are responsible for the bad light in which he appears when ashore," for one cannot reasonably expect such men to be attracted by churches and well-meaning, but misguided rescue-leagues when they get a few hours to spend ashore."

The Sailors' Haven is carrying out a different plan, and was described by Mr. King as more like a gentlemen's club than a mission. Mr. King is very practical in his ideas, and says that to meet with any success in dealing with this class of men they must be held by rational entertainments and amusements. Consequently, billiards and pool, card playing and other amusements conducted in an inoffensive manner have been introduced in the Haven, with the result that over five hundred men a day are accommodated.

Invitations to Tech students to visit the Sailors' Haven were extended by Mr. King,

# VOLCANIC JAPAN

(Continued from page 1.)

ever, when the government did take the matter up, it pushed it with characteristic vigor and has done much for the people.

Passing to specific volcanoes, Prof. Jaggar began with Kilauea, which has a crater filled with molten material, white hot, dazzling to look upon at night. This fluid is continually seething, spurting and breaking on the walls with crashes as of billows.

A typical example of a stiff, low pile of lava is seen in Asama, "The Vesuvius of Japan." Quite frequent explosions occur blowing the top to atoms; but another "cork" soon forms. On his visit Prof. Jaggar was fortunate in witnessing a rare sight on this mountain. He saw the clouds of white steam clear away and beheld the "cork" below in the crater surrounded by jets of white steam and pierced in the middle by invisible superheated steam escaping from enormous pressure.

Taumai was used as an example of the solid projecting spire type. Just previous to his visit there was a severe eruption and a new spire had just formed. On gaining the top of the crater the party was confronted by an enormous block of rock, hed-hot in places, towering over 500 feet above them. "Fragments" the size of a house were continually toppling off the extremely unstable mass and chaos was exemplified. This rock dome was over a thousand feet in diameter and its temperature was 458° C. as measured by a pyrometer.

Leaving Japan, Mont Pelee was shown as an extreme type of volcano—one exuding a spine of hard rock into the air a thousand feet without rupture.


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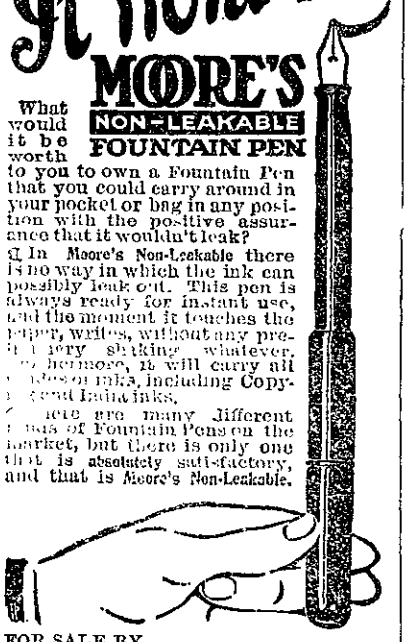

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## GENERAL NOTICES.

### MILITARY SCIENCE.

The Drill hour, on Mondays and Fridays, on and after January 3rd will be changed from three to two o'clock.

WALTER HUMPHREYS,
Registrar.

### LIBRARY.

Receipts, dated but not signed, for the following books have been left in the General Library:

July 1, 1909—Statham, H. H. Architecture for General Readers.

November 16, 1909—Macaulay, T. B. History of England, Vol. 1.

The borrowers are requested to return these books.

### COURSE III.

You cannot be good old '49-ers, but you can all be good loyal Course III. men. The special issue of The Tech for your course will appear this Saturday; an issue chuck full of things you either did not know, or wanted to have elucidated. There will be a number of pictures touching on and appertaining to you and your work, making the paper especially valuable as a souvenir or for reference. Turn out then, you miners, and bring enough nickels with you to get copies of Saturday's Tech for yourself, your family and your friends.

WIRELESS SOCIETY.—All members who wish to have their names included in membership list in 1911 Technique should pay their dues at once. Dues of one dollar, can be left for Kemp 1912, care of Cage, or any officer of the society.

H. L. WOEHLING, Sec'y.

### FOURTH YEAR.

Course II. Option in Heating and Ventilation.—The final examination will be omitted.

Walter Humphreys, Registrar.

### JUNIORS.

Any Junior who has not received a copy of the questions for the Statisticians Department of Technique may have same by applying at Cage.

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## TECH SHOW

Poster and Lyric Competitions close Saturday, Jan. 15th, at 4.00 P. M. Posters to be left at the Show office or at the Cage for H. C. Davis, and lyrics for K. Greenleaf. 83, 84, 85.

The "Society of Older Graduates of Columbia" was incorporated under the laws of New York state on Dec. 29, 1909. Any person who has been a member of any class of Columbia College or of the School of Mines up to and inclusive of the classes of 1879 shall be eligible for active membership.

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## PRAISES RAILROADS

(Published in The Tech by request.)

To the Editor of The Herald:

The railroads have to take so much criticism from the public for mishaps, many of which are beyond the possibility of control, it seems to me to be nice and kind to publicly thank them when they have done a good thing. My recent trip from Denver to Boston furnished an instance, starting at 10 P. M. Tuesday I was due to catch the Twentieth Century leaving Chicago 2.30 Thursday, with seven hours to spare for delays due to snow, etc. We had lost time until we were seven and a half hours late, when the western manager of the road heard I was anxious to arrive in Boston at 11.45 A. M. Friday. He immediately wired to the general manager at Chicago asking that our train be favored as much as possible and asked the locomotive engineer to take the highest safe speed, with the result that we connected with the Twentieth Century with ten minutes to spare. The Twentieth also did a fine piece of work. The train was 40 minutes late at Albany, on account of a mishap to the St. Louis train, which should have connected at Albany. It made up to 20 minutes late at Springfield, 10 minutes at Worcester, and on time at Huntington avenue. I was therefore able to keep my appointment with my students at Technology at 12 M. Friday.

ROBERT H. RICHARDS.

### INTERCOLLEGIATE NEWS.

"The purposes of the College have not swerved, but the qualifications essential for leadership at the present day have vastly altered. Beside culture and general intellectuality, many outside interests must now be considered. However, the best good will come only if the student will do his college work first. Scholarship is necessary; undergraduate pride should be more prominent in it. A college needs the co-operation of the home. If there is nothing in college that appeals to the student, then the home is at fault."—President Nichols of Dartmouth.

Columbia's action in joining the Intercollegiate Athletic Association of the United States is not believed to have any significance as regards the resumption of football at Columbia, although Dr. Meylan, the official representative, voted for a revision in the rules of the game.

The stewards of the Intercollegiate Rowing Association have fixed upon Wednesday, June 22, 1910, as the date for the intercollegiate boat races at Poughkeepsie next June. The races will take place at the usual time, and will be in the same order as heretofore. The Varsity will as usual be towed down stream, starting from Krum Elbow and finishing one mile south of the bridge.

Five instituuions have definitely decided to send crews to the regatta. These are Columbia, Cornell, Pennsylvania, Syracuse, and Wisconsin. There is a probability that Georgetown, which has not been represented since 1907, will try to send a crew to Poughkeepsie this spring as Dempsey, an old Georgetown coach, has returned to take charge of the crews there, and already much enthusiasm has been aroused in the sport. It is Georgetown's purpose to get back into the regatta as soon as possible. The authorities at the Annapolis Naval Academy have refused to sanction the Navy's taking part in the race this year.

*Thos. F. Galvin*
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